

LDWSF 12.3.56  
08/22/96



# LONGVIEW FIBRE COMPANY

5901 EAST MARGINAL WAY SOUTH  
P.O. BOX 24867  
SEATTLE, WASHINGTON 98124  
206-762-7170

August 22, 1996

Fred Austin  
Puget Sound Air Pollution Control Agency  
110 Union Street, Suite 500  
Seattle, WA 98101-2038

RECEIVED

AUG 23 1996

PUGET SOUND AIR POLLUTION  
CONTROL AGENCY

RE: Air Emission Compliance Test Report

Dear Fred:

Enclosed you will find a copy of our Air Emission Compliance Test Report for our new Cleaver-Brooks Boiler. This report was prepared for Longview Fibre Company by Valid Results, Inc.

Please approve and issue our permit. We would like to have our Minor Generator status reaffirmed.

Please call if you have any questions.

Sincerely,

James R. Mantell  
Quality Coordinator  
Longview Fibre Company, Seattle



USEPA SF



1259952

# **Air Emission Compliance Test Report**

**Total Particulate Matter (PM-10), Oxygen (O<sub>2</sub>),  
Carbon Dioxide (CO<sub>2</sub>), Sulfur Dioxide (SO<sub>2</sub>),  
Oxides of Nitrogen (NO<sub>x</sub>), Carbon Monoxide (CO)  
and Total Organic Carbon (TOC).**

**Cleaver-Brooks Boiler**

**(3/20/96 & 3/21/96)**

**Longview Fibre Company, Inc.**

**P. O. Box 24867  
Seattle, WA 98124  
(206) 762-7170**

**Prepared By:**

**VALID RESULTS, INC.**

**5223 22nd Ave. N. E., Suite B**

**Seattle, WA 98105-5746**

**Tel: (206) 522-5665**

**Fax: (206) 524-4710**

# Air Emission Compliance Test Report

## Particulate Matter (PM-10) and Continuous SO<sub>2</sub>, NO<sub>x</sub>, CO & VOC Emission Monitoring

LONGVIEW FIBRE COMPANY, INC.  
Western Container Division  
5901 East Marginal Way South  
Seattle, WA 98134  
(206) 762-7170

SOURCE: Main stack outlet of a Cleaver-Brooks boiler located in Seattle, Washington.

TEST PARAMETERS:

Oxygen (O<sub>2</sub>), Carbon Dioxide (CO<sub>2</sub>), Sulfur Dioxide (SO<sub>2</sub>), Oxides of Nitrogen (NO<sub>x</sub>),  
Carbon Monoxide (CO) and Total Organic Carbon (TOC).

TEST PURPOSE: Compliance Air Emissions Testing.

TEST DATE: March 20th & 21st, 1996.

TEST RESULTS:

Natural Gas Fired

| Test Parameter     | Applicable Standard (AS) | Test Result | Percent of AS |
|--------------------|--------------------------|-------------|---------------|
| Sulfur Dioxide     | 0.01 (lbs/MMBtu)         | 0.00043     | 4.3%          |
| Oxides of Nitrogen | 0.05 (lbs/MMBtu)         | 0.0285      | 57.0%         |
| Carbon Monoxide    | 0.05 (lbs/MMBtu)         | 0.0054      | 10.8%         |
| Volatile Organics  | 0.02 (lbs/MMBtu)         | 0.0043      | 21.5%         |

#2 Fuel Oil Fired

| Test Parameter             | Applicable Standard (AS)              | Test Result | Percent of AS |
|----------------------------|---------------------------------------|-------------|---------------|
| Particulate Matter (PM-10) | 0.02 (grains/dscf@7% O <sub>2</sub> ) | 0.00532     | 26.6%         |
| Sulfur Dioxide             | 0.60 (lbs/MMBtu)                      | 0.144       | 24.0%         |
| Oxides of Nitrogen         | 0.20 (lbs/MMBtu)                      | 0.0521      | 26.1%         |
| Carbon Monoxide            | 0.10 (lbs/MMBtu)                      | 0.0008      | 0.1%          |
| Volatile Organics          | 0.05 (lbs/MMBtu)                      | 0.0013      | 2.3%          |

CERTIFICATION:

Mr. Mark W. Anderson, P.E.



Independent Consultant  
AERCO, INC., P.S.

Mr. Tracy A. Prevo



Project Manager  
VALID RESULTS, INC.

We certify that the information contained within is accurate and complete to the best of our knowledge.